Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG011416\
Data File : BG020739.D
Acq On : 15 Jan 2016 1:06
Operator : SJ/IZ
Sample : H1101-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC9G9

Quant Time: Jan 15 02:07:52 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 14 23:48:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	17655	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	75727	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	54675	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	141509	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	170180	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	158727	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	1992	5.51	ng/uL	0.00
5) Phenol-d5	7.20	99	45310	29.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	28678	31.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	37158	31.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	39692	31.10	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	19895	33.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	23345	33.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	42336	32.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	53031	40.54	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	152128	31.89	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	181469	33.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	18763	29.28	ng/ul	0.00
58) Fluorene-d10	15.67	176	145024	34.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	22646	29.42	ng/ul	0.00
71) Anthracene-d10	17.53	188	229325	33.06	ng/ul	0.00
79) Pyrene-d10	19.81	212	269625	33.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	289918	34.27	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.12	163	85692	16.72	ng/ul#	98
70) Phenanthrene	17.47	178	18936	2.25	ng/ul	100
77) Fluoranthene	19.48	202	39649	3.87	ng/ul	99
80) Pyrene	19.84	202	36677	3.40	ng/ul	99
83) Benzo(a)anthracene	21.68	228	21564	2.03	ng/ul	99
85) Chrysene	21.74	228	20947	2.09	ng/ul	99
88) Benzo(b)fluoranthene	23.92	252	25479	2.49	ng/ul	97
91) Benzo(a)pyrene	24.80	252	18295	1.86	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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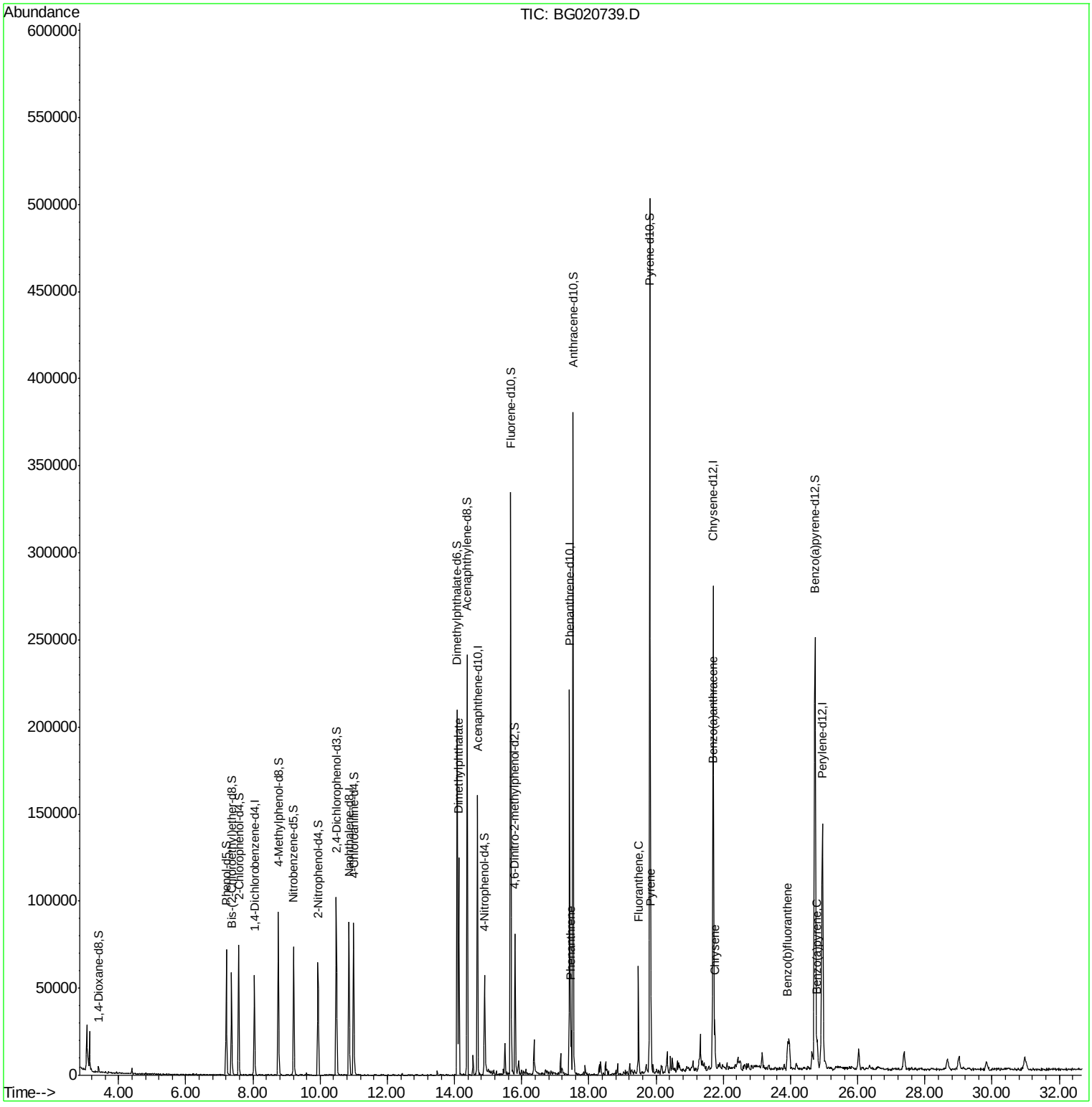
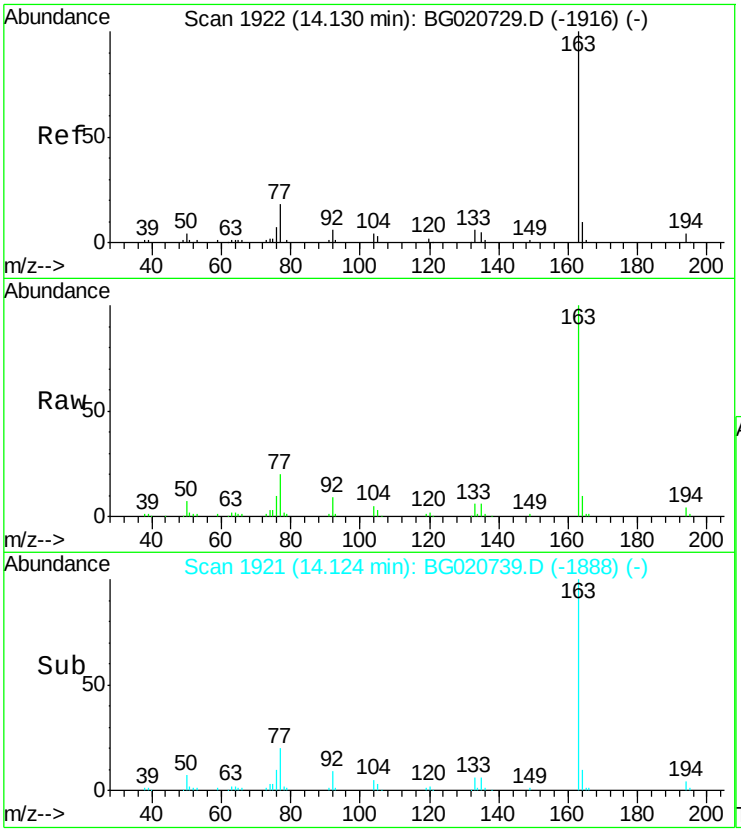


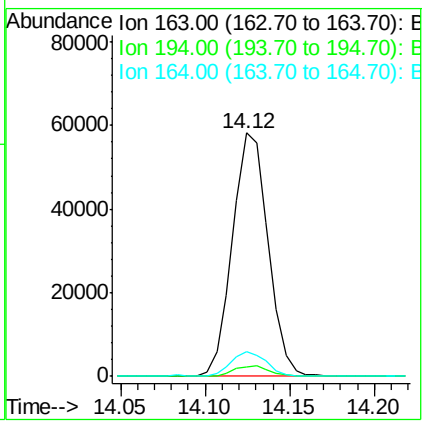


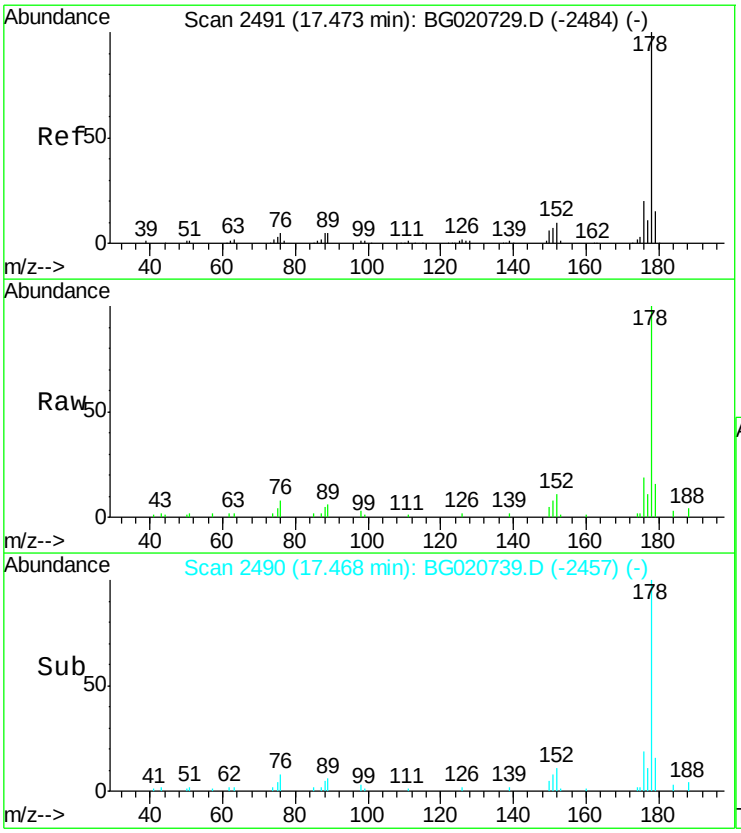
#45
Dimethylphthalate
Concen: 16.72 ng/ul
RT: 14.12 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG020739.D
Acq: 15 Jan 2016 1:06

Instrument : BNA_G
ClientSampleId : BC9G9

Tgt Ion:163 Resp: 85692

Ion	Ratio	Lower	Upper
163	100		
194	3.8	4.0	6.0#
164	10.0	8.4	12.6

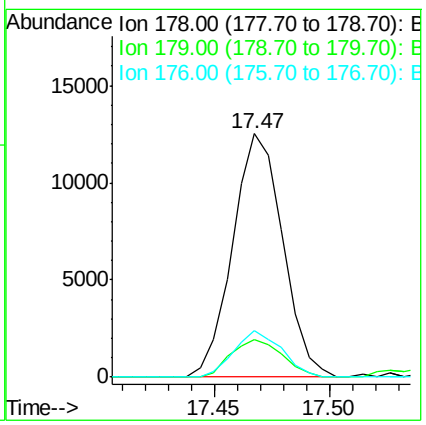


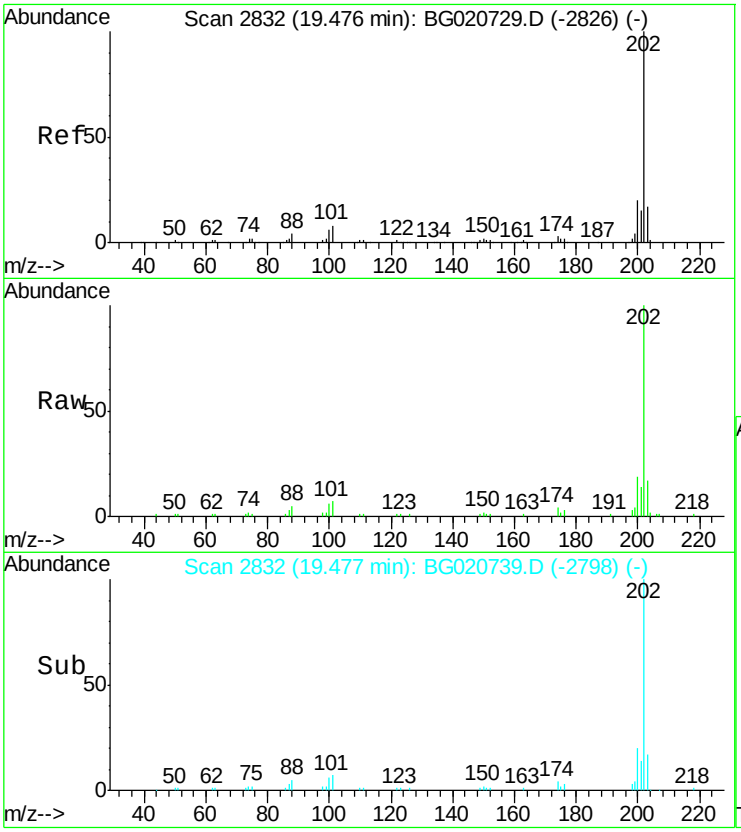


#70
Phenanthrene
Concen: 2.25 ng/ul
RT: 17.47 min Scan# 2490
Delta R.T. -0.01 min
Lab File: BG020739.D
Acq: 15 Jan 2016 1:06

Tgt Ion:178 Resp: 18936

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.3	15.4	23.0



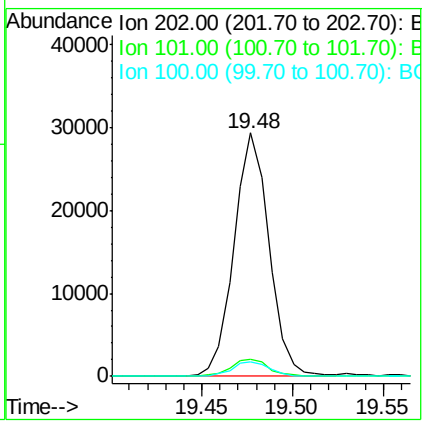


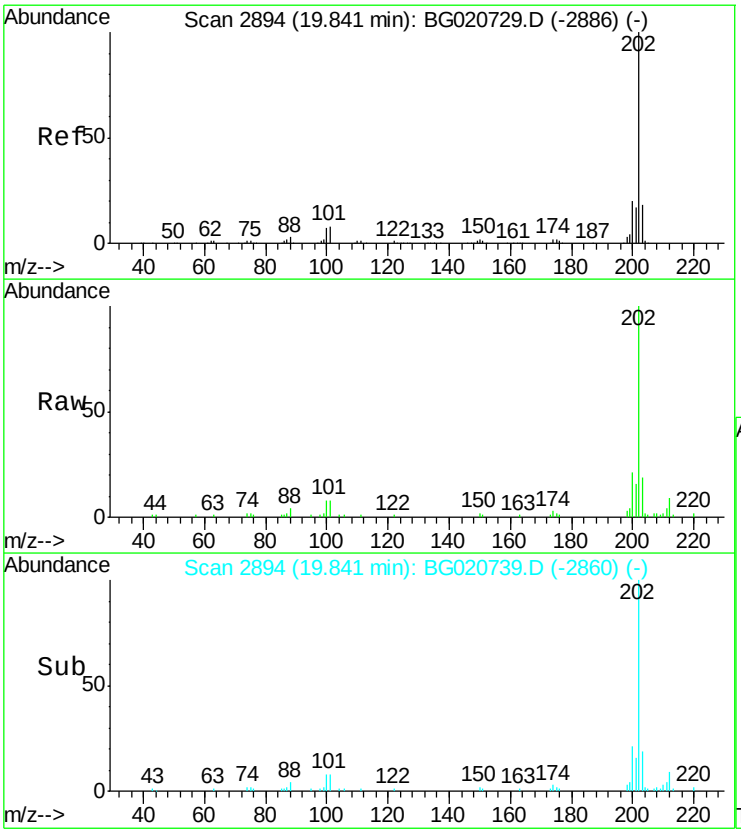
#77
Fluoranthene
Concen: 3.87 ng/ul
RT: 19.48 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BG020739.D
Acq: 15 Jan 2016 1:06

Instrument :
BNA_G
ClientSampleId :
BC9G9

Tgt Ion:202 Resp: 39649

Ion	Ratio	Lower	Upper
202	100		
101	7.2	6.1	9.1
100	5.8	4.6	7.0

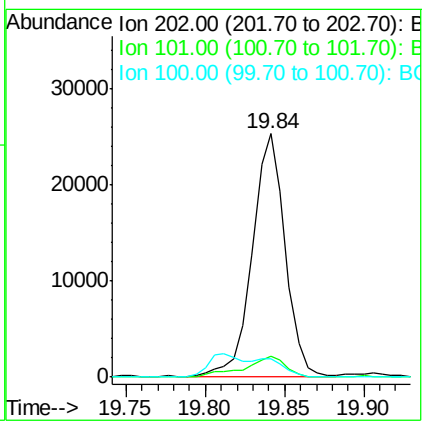


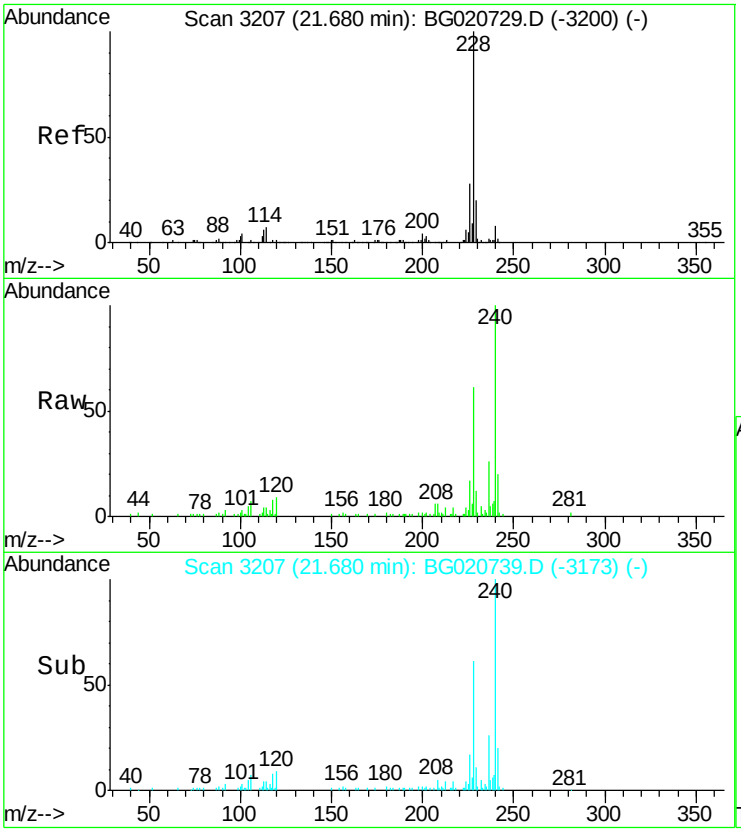


#80
Pyrene
Concen: 3.40 ng/ul
RT: 19.84 min Scan# 2894
Delta R.T. 0.00 min
Lab File: BG020739.D
Acq: 15 Jan 2016 1:06

Tgt Ion:202 Resp: 36677

Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.9	10.3
100	7.7	5.6	8.4



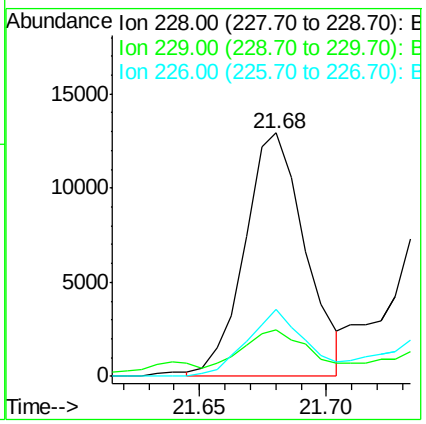


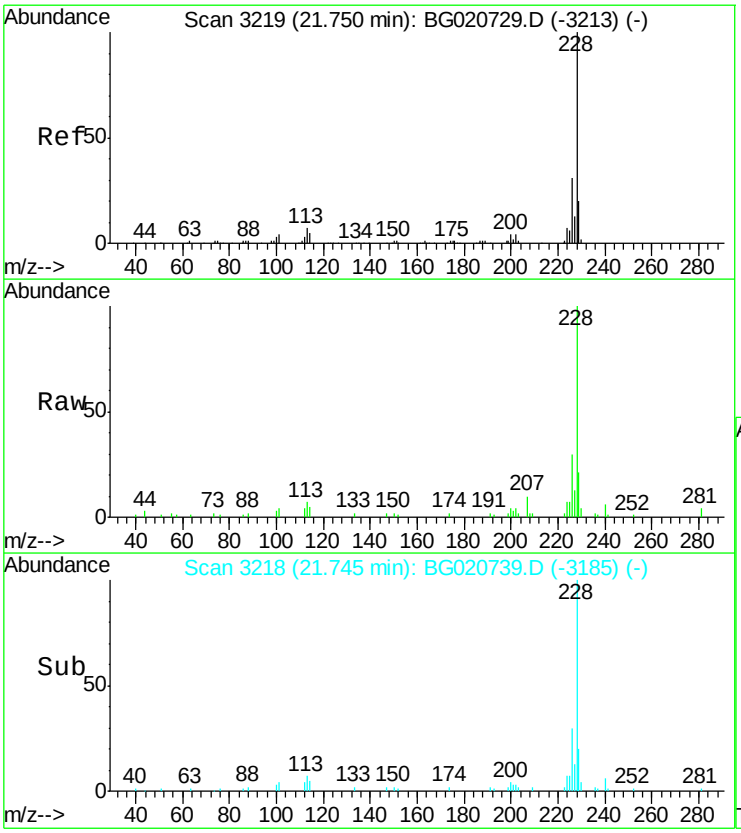
#83
Benzo(a)anthracene
Concen: 2.03 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. 0.00 min
Lab File: BG020739.D
Acq: 15 Jan 2016 1:06

Instrument :
BNA_G
ClientSampleId :
BC9G9

Tgt Ion:228 Resp: 21564

Ion	Ratio	Lower	Upper
228	100		
229	19.1	16.0	24.0
226	27.6	21.8	32.8

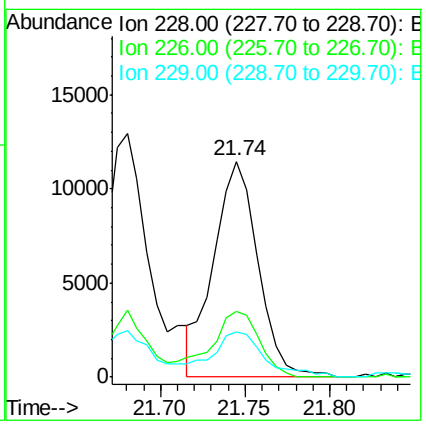


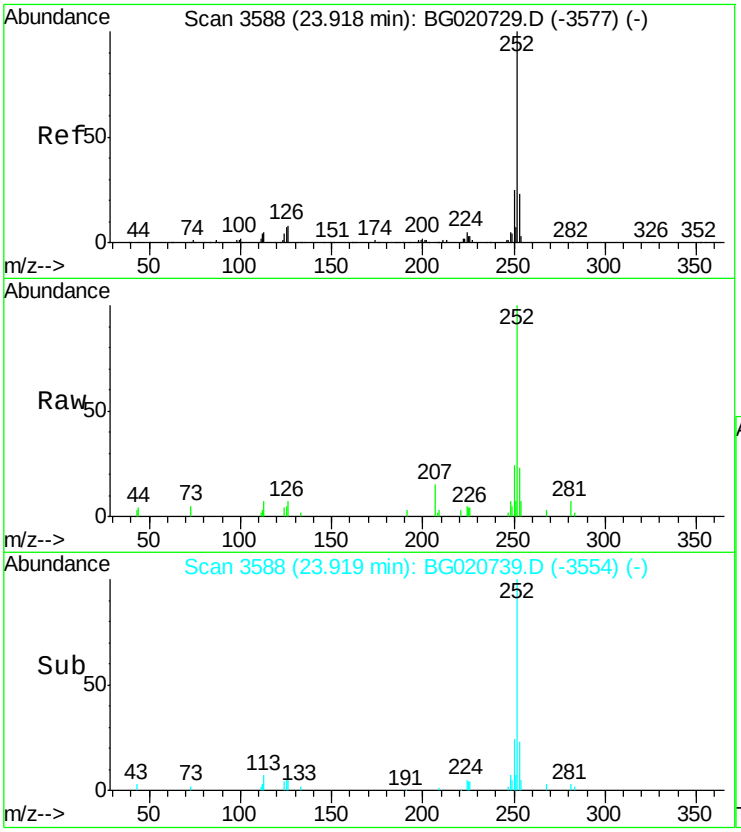


#85
Chrysene
Concen: 2.09 ng/ul
RT: 21.74 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BG020739.D
Acq: 15 Jan 2016 1:06

Tgt Ion:228 Resp: 20947

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	21.2	16.0	24.0



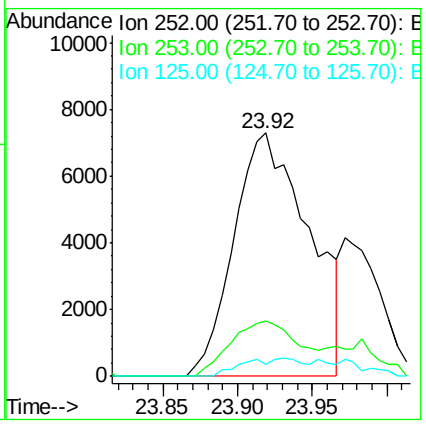


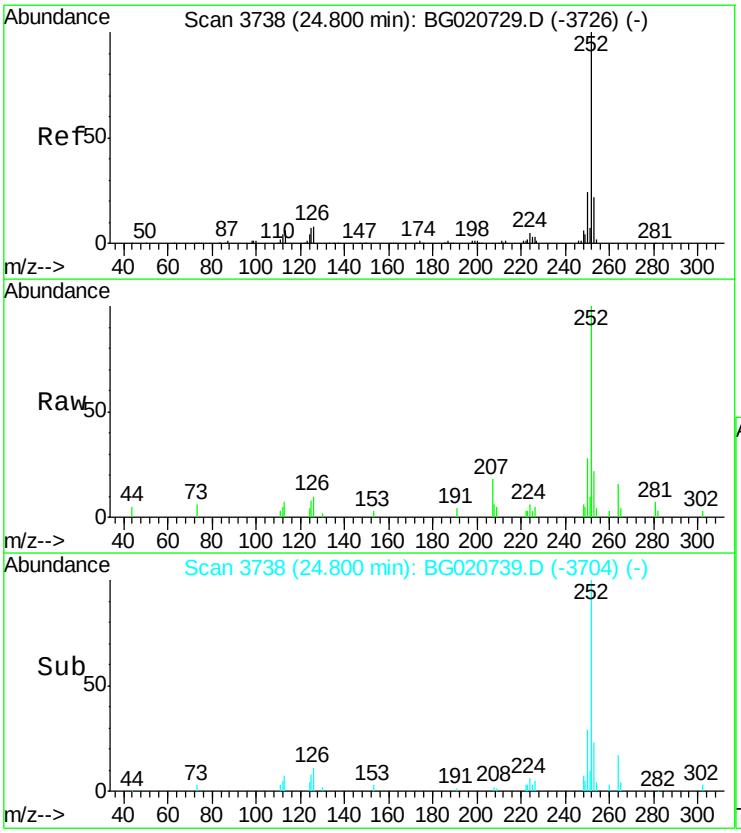
#88
Benzo(b)fluoranthene
Concen: 2.49 ng/ul
RT: 23.92 min Scan# 3588
Delta R.T. 0.00 min
Lab File: BG020739.D
Acq: 15 Jan 2016 1:06

Instrument :
BNA_G
ClientSampleId :
BC9G9

Tgt Ion:252 Resp: 25479

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	4.9	4.9	7.3





#91
Benzo(a)pyrene
Concen: 1.86 ng/ul
RT: 24.80 min Scan# 3738
Delta R.T. 0.00 min
Lab File: BG020739.D
Acq: 15 Jan 2016 1:06

Tgt Ion:252 Resp: 18295

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	7.9	5.8	8.6